

At line 4, delete "(1)" and substitute --are provided--.

At line 7, delete "(1)".

At line 9, delete "(1)", delete "means" and substitute --unit--, delete "(5)".

At line 11, delete "(1)", before "communication"
insert "--a--", delete "(2)".

At line 13, delete "(2)".

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20      Delete Line 15.
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Please amend the specification as follows (where specification amendments are to the annex pages (substitute pages) that has been so indicated):

--S P E C I F I C A T I O N

after the title, as a separate line, insert

On page 2, at line 19, delete "ensue" and
30 substitute --occurs--.

On page 2, at line 30, before "infrared" insert
--an--.

On page 3, at line 1, delete "means (5)" and
substitute --unit 5--.

5 On page 3, at line 3, delete "stations, the control
means" and substitute --stations. The control unit--.

On page 3, at line 6, before "what" insert --in--.

On page 3, at line 8, insert --,-- after "factory".

10 On page 3, at line 10, delete "ca" and substitute
--can--.

On page 3, at line 14, delete "outlay" and
substitute --expense--.

15 On page 3, at line 19, delete "drawing, where the
sole" and substitute --drawing.--, delete "Figure 1 shows
an".

On page 3, before line 20, insert the following
heading:

a1

--BRIEF DESCRIPTION OF THE DRAWING--

20 On page 3, at line 20, before "exemplary" insert
--Figure 1 shows an--, delete "inventive", after "system"
insert --of the invention--.

On page 3, before line 21, insert the following
heading:

a2

--DESCRIPTION OF THE PREFERRED EMBODIMENTS--

25 On page 3, at line 22, before "pointed" insert
--be--.

On page 3, at line 29, delete "thereby" and
substitute --therefore--.

On page 3, at the last line, delete "a matter of".

30 On page 4, at line 4, delete ",respectively,".

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On page 4, at line 14, delete "ensues" and substitute --occurs--.

On page 4, at line 17, delete "means" and substitute --unit--, before "bus" insert --a--.

On page 4, at line 21, delete "means" and substitute --unit--, before "external" insert --the--, delete "ensue" and substitute --occur--.

On page 4, at line 26, delete "fashioned" and substitute --designed--.

20 On page 4, at line 29, delete ", respectively,".

On page 5, at line 5, delete "outlay" and substitute --expense--.

--Although various minor changes and modifications might be proposed by those skilled in the art, it will be understood that our wish is to include within the claims of the patent warranted hereon all such changes

 a^3

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526 Rec'd PCT/TO 03 NOV 2000

Siemens AG
New PCT application
26965-0600 (P-00,1814)
1998P01681WOUS
Inventor: Tasto et al.
Re: Substitute Pages

Translation / October 26, 2000 / 1696(911) / 420 words

BROADBAND COMMUNICATION SYSTEM

The invention is directed to a broadband communication system with a plurality of cordless communication devices (1) connected to one another for cordless communication with at least one communication terminal device within a
5 communication cell.

Demanding communication services such as the transmission of video data, for example for television transmission, video playback or picture telephony, requires [sic] high data rates on the order of magnitude of 10 megabits per second. The bandwidths currently employed in cordless telephones (DECT) or, respectively,
10 in mobile radio telephony (for example, according to GSM standard) at carrier frequencies of approximately 900 MHz through approximately 2000 MHz are therefore no longer adequate for a cordless data transmission over short distances, for example in the house and garden area or in office buildings or the like. On the contrary, higher frequencies are needed, for example above 10 GHz.

The informational brochure "Innovationskolleg Kommunikationssysteme" of the Institute for Communications Technology of the Technical University Dresden proposes that radio frequencies in the region of 60 GHz be employed for cordless digital broadband data transmission within buildings. However, it is generally not possible to penetrate masonry at these high frequencies. A respective radio base
15 station must therefore be installed in every room in which a cordless communication is to be possible.

The informational brochure "Multimediatechnik auf integrierten Netzen und Terminals" of the Technical University Braunschweig, Institute for Communications Technology, dated 14 August 1997, proposes that the power supply
20 network be utilized for the data transmission within buildings.

An object of the present invention is to enable a cordless broadband communication within buildings and in the environment of buildings with optimally low installation outlay.

This object is achieved by the broadband communication system disclosed
30 in claim 1 comprising a plurality of cordless communication devices connected to one